

Title (en)

METHOD AND APPARATUS OF DECORATING A METALLIC CONTAINER BY DIGITAL PRINTING TO A TRANSFER BLANKET

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DEKORIEREN EINES METALLISCHEN BEHÄLTERS DURCH DIGITALDRUCK AUF EIN TRANSFERTUCH

Title (fr)

PROCÉDÉ ET APPAREIL DE DÉCORATION D'UN RÉCIPIENT MÉTALLIQUE PAR IMPRESSION NUMÉRIQUE SUR UN BLANCHET DE TRANSFERT

Publication

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Application

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Abstract (en)

[origin: US2018046114A1] An apparatus and methods of decorating a metallic container are provided. More specifically, the present invention relates to apparatus and methods used to provide a decoration or indicia on a predetermined portion of an outer surface of a metallic container body. The decorator includes at least one digital print unit, a transfer blanket, and a support element. The digital print unit transfers a decorating material to the transfer blanket to form a decoration on the transfer blanket. The support element then moves a metallic container into contact with the transfer blanket. In this manner, the decorating material is transferred to an exterior surface portion of the metallic container to decorate the metallic container. In one embodiment, the digital print unit is an electrophotographic system which transfers a toner material to the transfer blanket. In another embodiment, the digital print unit includes an inkjet print head which transfers an ink to the transfer blanket.

IPC 8 full level

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